

This listing of claims will replace all prior versions of claims in the application.

Claims 1-10. (cancelled)

Claim 11. (new) A photoimageable composition comprising a photoactive component and a polymer component,  
the polymer component comprising a fluorinated polymer that comprises Si atoms and silanol groups,

wherein the polymer: (i) photoacid-labile groups; (ii) comprises at least three distinct repeat units; (iii) is at least substantially free of aromatic groups; and (iv) has a ratio of fluorine atoms to Si atoms of 2.9 or less.

Claim 12. (new). The photoimageable composition of claim 11 wherein the polymer has a ratio of fluorine atoms to silicon atoms of about 2.5 or less.

Claim 13. (new). The photoimageable composition of claim 11 wherein the polymer has a ratio of fluorine atoms to silicon atoms of about 2 or less.

Claim 14. (new). The photoimageable composition of claim 11 wherein the polymer has a ratio of fluorine atoms to silicon atoms of about 2.9 to 2.

Claim 15. (new) The photoimageable composition of claim 11 wherein at least two of the distinct repeat units have differing numbers of fluorine atoms.

Claim 16. (new) The photoimageable composition of claim 11 wherein at least two of the distinct repeat units have differing numbers of silicon atoms.

Claim 17. (new) A coated substrate comprising:

- a) a polymer composition coating layer applied over a substrate surface;
- b) a coating layer of a photoimageable composition of claim 11 disposed over the polymer composition coating layer.

Claim 18. (new) A method for forming a electronic device, comprising:

- (a) applying on a substrate a coating layer of an organic polymer composition;
- (b) over the polymer composition coating layer, applying a photoimageable composition of claim 11;
- (c) exposing the photoimageable composition coating layer to activating radiation and developing the exposed photoimageable layer.

Claim 19. (new) The method of claim 18 wherein the photoimageable composition is exposed to radiation having a wavelength of 193 nm.

Claim 20. (new). The method of claim 18 wherein the polymer has a ratio of fluorine atoms to silicon atoms of about 2.5 or less.

Claim 21. (new). The method of claim 18 wherein the polymer has a ratio of fluorine atoms to silicon atoms of about 2 or less.

Claim 22. (new). The method of claim 18 wherein the polymer has a ratio of fluorine atoms to silicon atoms of about 2.9 to 2.